

THOMAS RENEE PUBLICATIONS 2015**Peer reviewed articles**

Bjorkqvist J, de Maat S, Lewandrowski U, Di Gennaro A, Oschatz C, Schonig K, Nothen MM, Drouet C, Braley H, Nolte MW, Sickmann A, Panousis C, Maas C, Renne T. Defective glycosylation of coagulation factor XII underlies hereditary angioedema type III. *Journal of Clinical Investigation* 2015; 125: 3132-3146.

Brandt S, Krauel K, Jaax M, Renne T, Helm CA, Hammerschmidt S, Delcea M, Greinacher A. Polyphosphates form antigenic complexes with platelet factor 4 (PF4) and enhance PF4-binding to bacteria. *Thrombosis and Haemostasis* 2015; 114: 1189-1198.

Fuchs T, Jimenez-Alcazar M, Limacher A, Mean M, Renne T, Aujesky D, Lammler B. DNA in plasma indicates disease extent and predicts mortality in patients with venous thromboembolism. *Journal of Thrombosis and Haemostasis* 2015; 13: 168-168.

Gustafsson RKL, Jeffery HC, Yaiw KC, Wilhelmi V, Kostopoulou ON, Davoudi B, Rahbar A, Benard M, Renne T, Soderberg-Naucler C, Butler LM. Direct infection of primary endothelial cells with human cytomegalovirus prevents angiogenesis and migration. *Journal of General Virology* 2015; 96: 3598-3612.

Jimenez-Alcazar M, Napirei M, Panda R, Kohler EC, Hovinga JAK, Mannherz HG, Peine S, Renne T, Lammler B, Fuchs TA. Impaired DNase1-mediated degradation of neutrophil extracellular traps is associated with acute thrombotic microangiopathies. *Journal of Thrombosis and Haemostasis* 2015; 13: 732-742.

Jimenez-Alcazar M, Napirei M, Panda R, Kohler ECM, Hovinga JK, Mannherz HG, Peine S, Renne T, Lammler B, Fuchs TA. Defective degradation of neutrophil extracellular traps is associated with acute thrombotic microangiopathies. *Journal of Thrombosis and Haemostasis* 2015; 13: 472-472.

Kenne E, Nickel KF, Long AT, Fuchs TA, Stavrou EX, Stahl FR, Renne T. Factor XII: a novel target for safe prevention of thrombosis and inflammation. *Journal of Internal Medicine* 2015; 278: 571-585.

Labberton L, Kenne E, Renne T. New agents for thromboprotection A role for factor XII and XIIIa inhibition. *Hamostaseologie* 2015; 35: 338-+.

Lagrange J, Kossmann S, Sven J, Kerstin J, Ehlken M, Schonfelder T, Knorr M, Brandt M, Karbach S, Daiber A, Oelze M, Reinhardt C, Lackner K, Monia BP, Walter U, Ruggeri ZM, Renne T, Ruf W, Munzel T, Wenzel P. Platelet-Localized FXI Promotes a Glycoprotein Ib Alpha Dependent Feedback Loop in Arterial Hypertension and Vascular Inflammation. *Blood* 2015; 126.

Maat SD, Bjorkqvist J, Suffritti C, de Groot PG, Cicardi M, Renne T, Maas C. Activation of factor XII by plasmin leads to bradykinin formation in hereditary angioedema. *Journal of Thrombosis and Haemostasis* 2015; 13: 572-573.

Magnusson M, Berndtsson M, Fischler B, Petrini P, Schulman S, Renne T, Granath A, Sten-Linder M, Nemeth A. Thrombin generation test in children and adolescents with chronic liver disease. *Thrombosis Research* 2015; 135: 382-387.

Nickel KF, Ronquist G, Langer F, Labberton L, Fuchs TA, Bokemeyer C, Sauter G, Graefen M, Mackman N, Stavrou EX, Ronquist G, Renne T. The polyphosphate-factor XII pathway drives coagulation in prostate cancer-associated thrombosis. *Blood* 2015; 126: 1379-1389.

Renne T. The vascular side of plasma kallikrein. *Blood* 2015; 125: 589-590.

Sala-Cunill A, Bjorkqvist J, Senter R, Guilarte M, Cardona V, Labrador M, Nickel KF, Butler L, Luengo O, Kumar P, Labberton L, Long A, Di Gennaro A, Kenne E, Jamsa A, Krieger T, Schluter H, Fuchs T, Flohr S, Hassiepen U, Cumin F, McCrae K, Maas C, Stavrou E, Renne T. Plasma contact system activation drives anaphylaxis in severe mast cell-mediated allergic reactions. *Journal of Allergy and Clinical Immunology* 2015; 135: 1031-+.

Schmidt DE, Steinhagen F, Schnabel C, Spath B, Holstein K, Fiedler W, Bokemeyer C, Renne T, Langer F. Thrombin generation in a patient with an acquired high-titre factor V inhibitor. *Blood Coagulation & Fibrinolysis* 2015; 26: 81-87.

Stieber C, Grumach AS, Cordeiro E, Constantino-Silva RN, Barth S, Hoffmann P, Pesquero JB, Renne T, Nothen MM, Cichon S. First report of a FXII gene mutation in a Brazilian family with hereditary angio-oedema with normal C1 inhibitor. *British Journal of Dermatology* 2015; 173: 1102-1104.

Zamolodchikov D, Chen ZL, Conti BA, Renne T, Strickland S. Activation of the factor XII-driven contact system in Alzheimer's disease patient and mouse model plasma. *Proceedings of the National Academy of Sciences of the United States of America* 2015; 112: 4068-4073.